Exhibit 26 to Amended Complaint Intellectual Ventures I LLC and Intellectual Ventures II LLC

Example American Count XII Systems and Services U.S. Patent No. 7,721,282 ("the '282 Patent")

The Accused Systems and Services include without limitation American systems and services that utilize Docker; all past, current, and future systems and services that operate in the same or substantially similar manner as the specifically identified systems and services; and all past, current, and future American systems and services that have the same or substantially similar features as the specifically identified systems and services ("Example American Count XII Systems and Services" or "American Systems and Services").¹

On information and belief, the American Systems and Services use Docker in public and/or private cloud(s). For example, American posts, or has posted, job opportunities that require familiarity with Docker containerization concepts.

- Example of job posting for an Engineer/Sr Engineer in IT Situational Awareness at American Airlines which mentions Docker as a necessary skill for the position. https://jobs.aa.com/job/EngineerSr-Engineer%2C-IT-Situational-Awareness/75837-en_US. (Last accessed on 10/31/2024).
- Example of job posting for an Associate Developer in IT Applications at American Airlines which mentions Docker as a necessary skill for the position. https://jobs.aa.com/job/Associate-Developer%2C-IT-Applications/75816-en_US. (Last accessed on 10/31/2024).
- Example of Sr. Cloud Infra DevSecOps Engineer/Architectposition at American Airlines which mentions use of Docker. https://www.linkedin.com/in/rupa-m-b90836309/. (Last accessed on 9/19/24).
- Example of Kubernetes Engineer position at American Airlines which mentions use of Docker. https://www.linkedin.com/in/sridhar-pulluri-199b56250/. (Last accessed on 9/19/24)
- Example of Software Engineer position at American Airlines which mentions use of Docker. https://www.linkedin.com/in/pthotakura9/. (Last accessed on 9/19/24)

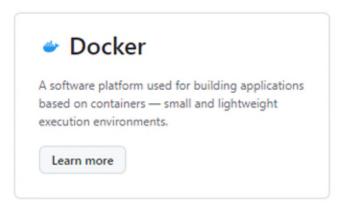
¹ Plaintiffs do not accuse the public clouds of Defendant, to the extent those services are provided by a cloud provider with a license to Plaintiffs' patents that covers Defendant's activities. As a specific example, Plaintiffs do not accuse Amazon managed services, *i.e.*, Amazon Elastic Kubernetes Service (Amazon EKS) and Amazon Elastic Container Service (Amazon ECS). Plaintiffs also does not accuse IBM managed services, *i.e.*, Red Hat Open Shift. Plaintiffs do not accuse the public clouds of Defendants if those services are provided by a cloud provider with a license to Plaintiffs' patents that covers Defendants' activities. Plaintiffs will produce relevant license agreements in this litigation. Plaintiffs accuse Defendant private clouds that implement Docker and non-licensed public clouds that Defendant uses to support Docker for its systems and services. Plaintiffs will provide relevant license agreements for cloud providers in discovery, to the extent any such license agreements have not already been produced. To the extent any of these licenses are relevant to Defendant's activities, Plaintiffs will meet and confer with Defendant about the impact of such license(s).

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- Example of Senior Developer, IT Applications position at American Airlines which mentions use of Docker. https://www.linkedin.com/in/cj-cohorst-61a614173/. (Last accessed on 9/19/24)
- Example of Developer position at American Airlines which mentions use of Docker. https://in.linkedin.com/in/prudhvi-kumar-rayapati.

As another example, American has announced cloud migration of legacy technology and efforts to modernize its mainframes and servers. Source: https://dxc.com/sg/en/insights/customer-stories/american-airlines-cloud-data-automation. American continues to use private cloud for at least certain applications. Source: https://www.techtarget.com/searchdatamanagement/feature/American-Airlines-lowers-data-management-costs-with-Intel. ("American Airlines' initial target for cost optimization was Azure Data Lake, according to Vijay Premkumar, senior manager of public and private cloud at the airline.") (emphasis added).

On information and belief, other information confirmed American uses Docker technology.



Source: https://github.com/orgs/americanair/packages.



Top Airlines, Airports & Air Services Companies Using Docker

37,841 companies using this technology

By Docker

Docker is a software container platform. Developers use Docker to eliminate "works on my machine" problems when collaborating on code with co-workers. Operators use Docker to run and manage apps side-by-side in isolated containers to get better compute density. Enterprises use Docker to build agile software delivery pipelines. Read less



American Airlines

Technologies used by the company: 1,293

Source: https://www.zoominfo.com/tech/23717/docker-tech-from-transportation-airline-industry-in-us-by-revenue.

When I came to American Airlines, I tried to contribute to several InnerSource projects in our corporate VCS. One of the things I observed is that local development leaned on local installations of the application framework extensively. In the past, I've been victim of "worked on my machine" in similar setups and wanted to get a better understanding of how pervasive containers were being used. I wanted to present options on how to use containers to help remove local dependency hell. There was plenty of opportunity to leverage this approach for local development not only to the property of opportunity to leverage this approach for local development not only to the property of opportunity to leverage this approach for local development not only to the property of opportunity to leverage this approach for local development not only to the property of opportunity to leverage this approach for local development not only to the property of opportunity to leverage this approach for local development not only to the property of opportunity to leverage this approach for local development not only to the property of opportunity to leverage this approach for local development not only to the property of opportunity to leverage this approach for local development not only to the property of the proper

Using containers for a local development environment can help remove impediments in situations such as:

- My stack has several dependencies that are hard to emulate:
 - · Databases, and associated volumes for (short-lived) storage
 - Caches
 - · Connectivity to the above, with declarative service names
- I have a bunch of application dependencies (requirements.txt, packages.json, Gemfile)
- There are many moving parts to reproduce a production-like environment
- · My team uses different operating systems, or versions of operating systems

Windows and macOS

 Install Docker - stable or edge is fine. For the purposes of this write-up, we're using basic features.

Source: https://tech.aa.com/2020-10-13-containers-local-dev/.

Karl Haworth, is a Principal Staff Engineer on American Airlines Developer Experience products. His team is leveraging Chainguard Images to harden their software and strengthen the security of their software supply chain. Karl recently created an alternative, secure image for the Backstage open-source framework using Changuard's wolfi-base image. In this guest post, Karl explores the decision to use wolfi-base and the benefits he has seen in reducing vulnerabilities and shrinking the overall Backstage attack surface.

American Airlines is committed to enhancing the developer experience by implementing a frictionless self-service platform to create delightful developer experiences. By doing so, the developers can deliver value sooner to our customers. In order to achieve the stated goal, we adopted Spotify's Backstage open-source framework for accelerating the development of our internal developer portal Runway. This marks my third endeavor at establishing a developer portal which has been successful due to a heavy focus on InnerSource practices. Backstage has proven instrumental in streamlining the development process, thanks to its community-driven foundation as a solid base to build upon.

While Backstage prioritizes security, concerns arise when utilizing the base image, node:18-bookworm-slim, as it contains 74 vulnerabilities ranging in severity. This has prompted us to assess the security implications when using the docker build command and Dockerfile within the Backstage framework, as the default added an additional 330 vulnerabilities. I attempted using updated node and Debian images, but they also yielded similar results, prompting me to seek out different solutions.

Source: https://www.chainguard.dev/unchained/reducing-vulnerabilities-in-backstage-with-chainguards-wolfi. See also https://karlhaworth.com/.

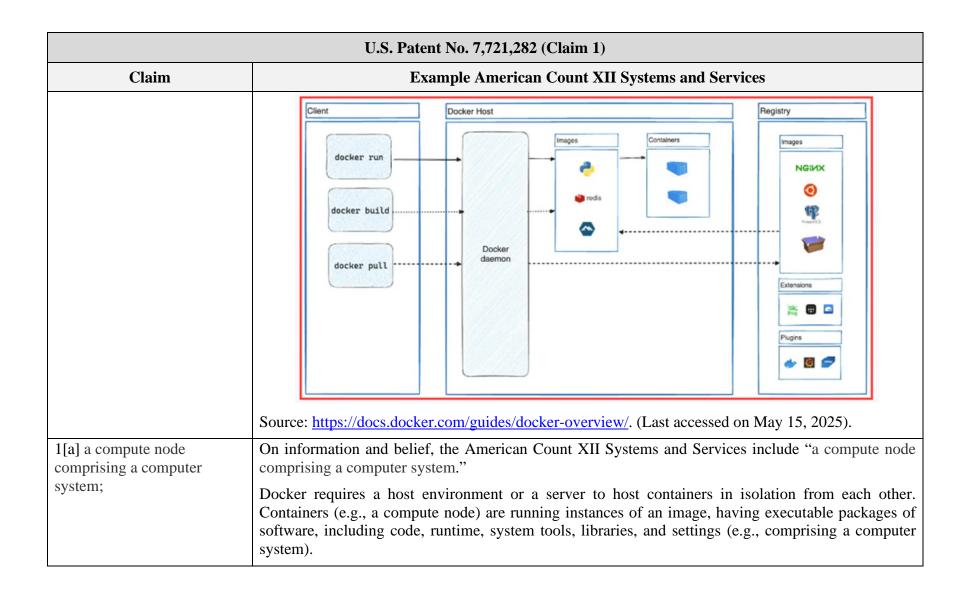
² Unless otherwise noted, all sources cited in this document were publicly accessible as of the filing date of the Complaint.

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U.S. Patent No. 7,721,282 (Claim 1)	
Claim	Example American Count XII Systems and Services
1. A system for distributing an application environment comprising:	To the extent this preamble is limiting, on information and belief, the American Count XII Systems and Services are a "system for distributing an application environment."
	Docker is an open-source platform that enables the development and distribution of applications and facilitates running applications in an isolated environment called containers. A multi-server environment capable of deploying and running Docker containers is considered a system.
	Docker overview
	Docker is an open platform for developing, shipping, and running applications. Docker enables you to
	separate your applications from your infrastructure so you can deliver software quickly. With Docker, you
	can manage your infrastructure in the same ways you manage your applications. By taking advantage of
	Docker's methodologies for shipping, testing, and deploying code, you can significantly reduce the delay between writing code and running it in production.
	Source: https://docs.docker.com/guides/docker-overview/ . (Last accessed on May 15, 2025).

³ Annotations added unless otherwise noted.

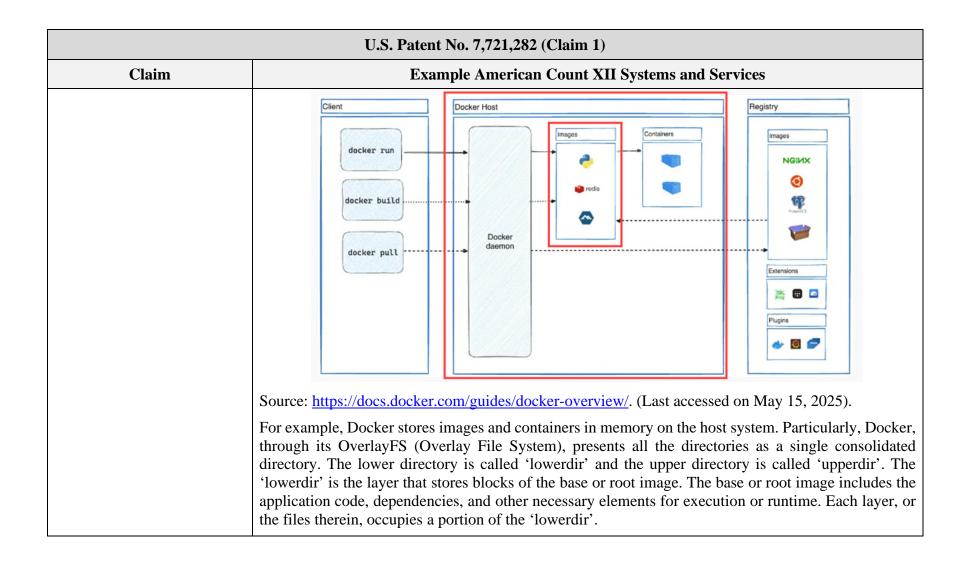
U.S. Patent No. 7,721,282 (Claim 1)	
Claim	Example American Count XII Systems and Services
	The Docker platform
	Docker provides the ability to package and run an application in a loosely isolated environment called a container. The isolation and security lets you run many containers simultaneously on a given host.
	Containers are lightweight and contain everything needed to run the application, so you don't need to rely on what's installed on the host. You can share containers while you work, and be sure that everyone you share with gets the same container that works in the same way.
	Docker provides tooling and a platform to manage the lifecycle of your containers:
	 Develop your application and its supporting components using containers. The container becomes the unit for distributing and testing your application.
	 When you're ready, deploy your application into your production environment, as a container or an orchestrated service. This works the same whether your production environment is a local data center, a cloud provider, or a hybrid of the two.
	Source: https://docs.docker.com/guides/docker-overview/ . (Last accessed on May 15, 2025). For example, a user can interact with Docker on the command line to run, build, pull, and/or configure containers, images, and/or volumes.

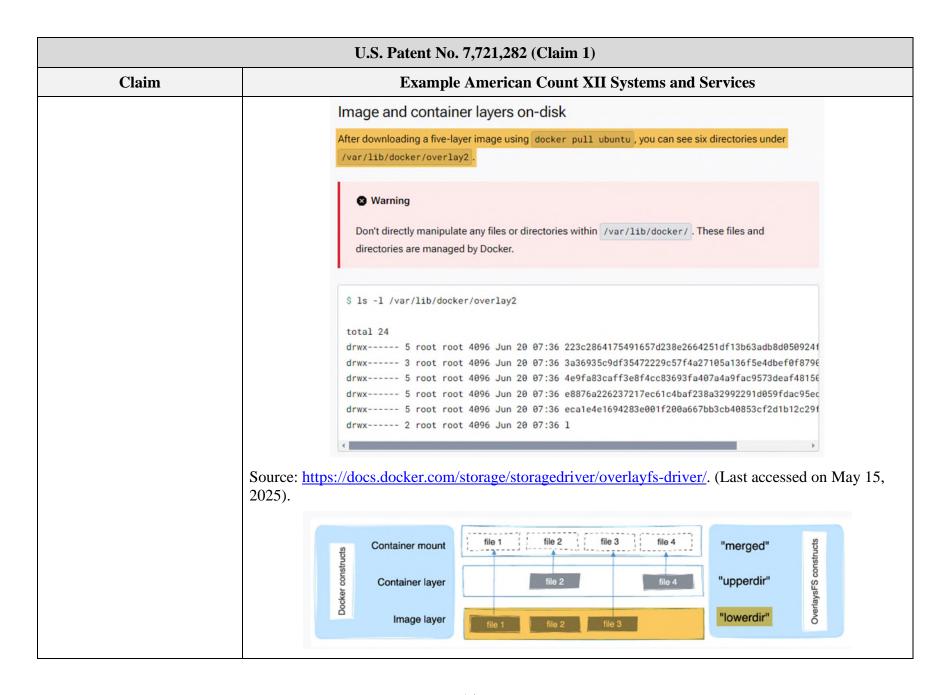


U.S. Patent No. 7,721,282 (Claim 1)	
Claim	Example American Count XII Systems and Services
	A container is a standard unit of software that packages up code and all its dependencies so the application runs quickly and reliably from one computing environment to another. A Docker container image is a lightweight, standalone, executable package of software that includes everything needed to run an application: code, runtime, system tools, system libraries and settings. Source: https://www.docker.com/resources/what-container/ . (Last accessed on May 15, 2025).
	Containerized Applications
	App A App B App
	Host Operating System Infrastructure
	Source: https://www.docker.com/resources/what-container/ (Last accessed on May 15, 2025).

U.S. Patent No. 7,721,282 (Claim 1)	
Claim	Example American Count XII Systems and Services
	The Docker platform
	Docker provides the ability to package and run an application in a loosely isolated environment called a container. The isolation and security lets you run many containers simultaneously on a given host. Containers are lightweight an contain everything needed to run the application, so you don't need to rely on what's installed on the host. You can share containers while you work, and be sure that everyone you share with gets the same container that works in the same way. Source: https://docs.docker.com/get-started/docker-overview/ . (Last accessed on May 15, 2025).
	By default, a container is relatively well isolated from other containers and its host machine. You can control how isolated a container's network, storage, or other underlying subsystems are from other containers or from the host machine.
	Source: https://docs.docker.com/get-started/docker-overview/ . (Last accessed on May 15, 2025). For example, containers are running instances of images. Docker images include the libraries, dependencies, and other environment elements for an application to run in. The storage driver controls how the images and container instances are resident on the host.
	Images and containers
	Fundamentally, a container is nothing but a running process, with some added encapsulation features applied to it in order to keep it isolated from the host and from other containers. One of the most important aspects of container isolation is that each container interacts with its own private filesystem; this filesystem is provided by a Docker image. An image includes everything needed to run an application - the code or binary, runtimes, dependencies, and any other filesystem objects required.
	Source: https://docker-docs.uclv.cu/get-started/ . (Last accessed on May 15, 2025).

U.S. Patent No. 7,721,282 (Claim 1)	
Claim	Example American Count XII Systems and Services
	Docker supports several storage drivers, using a pluggable architecture. The storage driver controls how images and containers are stored and managed on your Docker host. After you have read the storage driver overview, the next step is to choose the best storage driver for your workloads. Use the storage driver with the best overall performance and stability in the most usual scenarios. Source: https://docs.docker.com/storage/storagedriver/select-storage-driver/ . (Last accessed on May 15, 2025).
1[b] a first storage unit for storing blocks of a root image of the compute node, wherein the first storage unit comprises a first non-volatile memory, wherein the root image comprises a computer program, wherein the blocks comprise sections of data, and wherein a file of the root image comprises at least one block;	On information and belief, the American Count XII Systems and Services include "a first storage unit for storing blocks of a root image of the compute node, wherein the first storage unit comprises a first non-volatile memory, wherein the root image comprises a computer program, wherein the blocks comprise sections of data, and wherein a file of the root image comprises at least one block." Docker containers each have their own private filesystem provided by a Docker image. Docker provides storage drivers that control how the images and containers are stored and managed on a Docker host.
	Docker supports several storage drivers, using a pluggable architecture. The storage driver controls how images and containers are stored and managed on your Docker host. After you have read the storage driver overview, the next step is to choose the best storage driver for your workloads. Use the storage driver with the best overall performance and stability in the most usual scenarios. Source: https://docs.docker.com/storage/storagedriver/select-storage-driver/ . (Last accessed on May 15, 2025).



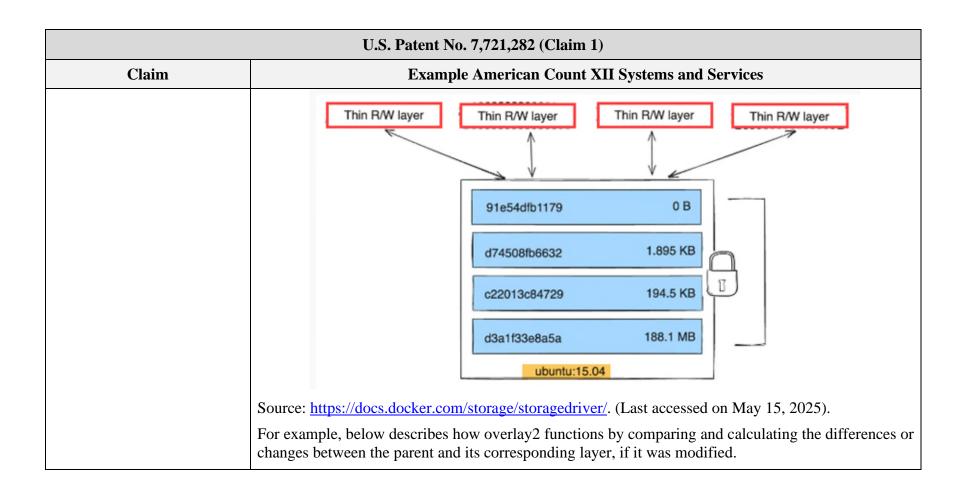


U.S. Patent No. 7,721,282 (Claim 1)	
Claim	Example American Count XII Systems and Services
Claim	Source: https://docs.docker.com/storage/storagedriver/overlayfs-driver/. (Last accessed on May 15, 2025). Thin R/W layer
	Source: https://docs.docker.com/storage/storagedriver/ . (Last accessed on May 15, 2025). As shown in the evidence below, each layer can include multiple files. For example, an image layer can include three files, where each of these files includes at least one block of data. A user can see a consolidated view via the merged directory, which is a combined view of the 'lowerdir' and 'upperdir' via overlay2, the storage driver in OverlayFS.

U.S. Patent No. 7,721,282 (Claim 1)	
Claim	Example American Count XII Systems and Services
	The following diagram shows how a Docker image and a Docker container are layered. The image layer is the lowerdir and the container layer is the upperdir. If the image has multiple layers, multiple lowerdir directories are used. The unified view is exposed through a directory called merged which is effectively the containers mount point.
	Container mount Container layer Container layer Container layer Container layer File 2 File 3 File 4 "merged" "upperdir" "lowerdir" Source: https://docs.docker.com/storage/storagedriver/overlayfs-driver/. (Last accessed on May 15,
	Image and container layers on-disk After downloading a five-layer image using docker pull ubuntu, you can see six directories under /var/lib/docker/overlay2.
	Source: https://docs.docker.com/storage/storagedriver/overlayfs-driver/ . (Last accessed on May 15, 2025).
1[c] a second storage unit for storing a leaf image, the leaf image comprising new data blocks and changes to the	On information and belief, the American Count XII Systems and Services include "a first storage unit for storing blocks of a root image of the compute node, wherein the first storage unit comprises a first non-volatile memory, wherein the root image comprises a computer program, wherein the blocks comprise sections of data, and wherein a file of the root image comprises at least one block."
blocks of the root image,	Docker includes a top writable layer, where all writes to a container (e.g., a write to add new data or

U.S. Patent No. 7,721,282 (Claim 1)	
Claim	Example American Count XII Systems and Services
wherein the second storage unit comprises a second non- volatile memory; and	modify existing data) are stored in the writable layer. The writable layer contains only the modified data per the changes made by the respective container instance. The writable layer is stored in memory.
	Container and layers
	The major difference between a container and an image is the top writable layer. All writes to the container
	that add new or modify existing data are stored in this writable layer. When the container is deleted, the
	writable layer is also deleted. The underlying image remains unchanged.
	Source: https://docs.docker.com/storage/storagedriver/ . (Last accessed on May 15, 2025).
	Each layer is only a set of differences from the layer before it. Note that both adding, and removing files will
	result in a new layer. In the example above, the SHOME/.cache directory is removed, but will still be
	available in the previous layer and add up to the image's total size. Refer to the Best practices for writing
	<u>Dockerfiles</u> and <u>use multi-stage builds</u> sections to learn how to optimize your Dockerfiles for efficient
	images.
	The layers are stacked on top of each other. When you create a new container, you add a new writable layer
	on top of the underlying layers. This layer is often called the "container layer". All changes made to the
	running container, such as writing new files, modifying existing files, and deleting files, are written to this
	thin writable container layer. The diagram below shows a container based on an ubuntu:15.04 image.
	Source: https://docs.docker.com/storage/storagedriver/ . (Last accessed on May 15, 2025).
	For example, the changes, edits, or modifications made to a container will be stored in the 'upperdir' of that container. The 'upperdir' includes only the changed, edited, or modified file(s) by the container.

	U.S. Patent No. 7,721,282 (Claim 1)	
Claim	Example American Count XII Systems and Services	
	The following diagram shows how a Docker image and a Docker container are layered. The image layer is the lowerdir and the container layer is the upperdir. If the image has multiple layers, multiple lowerdir directories are used. The unified view is exposed through a directory called merged which is effectively the containers mount point.	
	Container mount Container layer Image layer Container layer Image layer Container layer Image layer Im	
	Source: https://docs.docker.com/storage/storagedriver/overlayfs-driver/ . (Last accessed on May 15, 2025).	



U.S. Patent No. 7,721,282 (Claim 1)	
Claim	Example American Count XII Systems and Services
	// DiffSize calculates the changes between the specified id
	// and its parent and returns the size in bytes of the changes
	<pre>// relative to its base filesystem directory.</pre>
	<pre>func (d *Driver) DiffSize(id, parent string) (int64, error) {</pre>
	<pre>if useNaiveDiff(d.home) !d.isParent(id, parent) {</pre>
	<pre>return d.naiveDiff.DiffSize(id, parent)</pre>
	}
	<pre>return directory.Size(context.TODO(), d.getDiffPath(id))</pre>
	}
	// Diff produces an archive of the changes between the specified
	// layer and its parent layer which may be "".
	<pre>func (d *Driver) Diff(id, parent string) (io.ReadCloser, error) {</pre>
	<pre>if useNaiveDiff(d.home) !d.isParent(id, parent) {</pre>
	<pre>return d.naiveDiff.Diff(id, parent)</pre>
	}
	// Changes produces a list of changes between the specified layer and its
	// parent layer. If parent is "", then all changes will be ADD changes.
	<pre>func (d *Driver) Changes(id, parent string) ([]archive.Change, error) {</pre>
	<pre>return d.naiveDiff.Changes(id, parent)</pre>
	}
	Source: https://github.com/moby/moby/blob/master/daemon/graphdriver/overlay2/overlay.go . (Last Accessed on May 15, 2025).

	U.S. Patent No. 7,721,282 (Claim 1)	
Claim	Example American Count XII Systems and Services	
1[d] a union block device for interfacing between the compute node and the first and second storage units to distribute the application environment to the compute node, wherein the union block device comprises a driver, wherein the union block device creates the application environment by merging the blocks of the	On information and belief, the American Count XII Systems and Services include "a union block device for interfacing between the compute node and the first and second storage units to distribute the application environment to the compute node, wherein the union block device comprises a driver, wherein the union block device creates the application environment by merging the blocks of the root image stored on the first storage unit with the blocks of the leaf image stored on the second storage unit; the union block device comprises a low-level driver for interfacing between the first and second storage units and the file system of the compute node; and the union block device, upon receiving a write request from the compute node for a sector X, creates an appropriate persistent mapping for sector X." Docker enables building, running, and sharing applications using containers. Docker provides a storage driver – overlay2, for managing and storing images for use. The overlay2 storage driver provides a mechanism for interfacing between the container and storage units.	
root image stored on the first storage unit with the blocks of the leaf image stored on the second storage unit; the union block device comprises a low-level driver for interfacing between the first and second storage units and the file system of the compute node; and the union block device, upon receiving a write request from the	OverlayFS layers two directories on a single Linux host and presents them as a single directory. These directories are called layers, and the unification process is referred to as a union mount. OverlayFS refers to the lower directory as lowerdir and the upper directory a upperdir. The unified view is exposed through its own directory called merged. The overlay2 driver natively supports up to 128 lower OverlayFS layers. This capability provides better performance for layer-related Docker commands such as docker build and docker commit, and consumes fewer inodes on the backing filesystem.	
compute node for a sector X,	Source: https://docs.docker.com/storage/storagedriver/overlayfs-driver/. (Last accessed on May 15,	

creates an appropriate

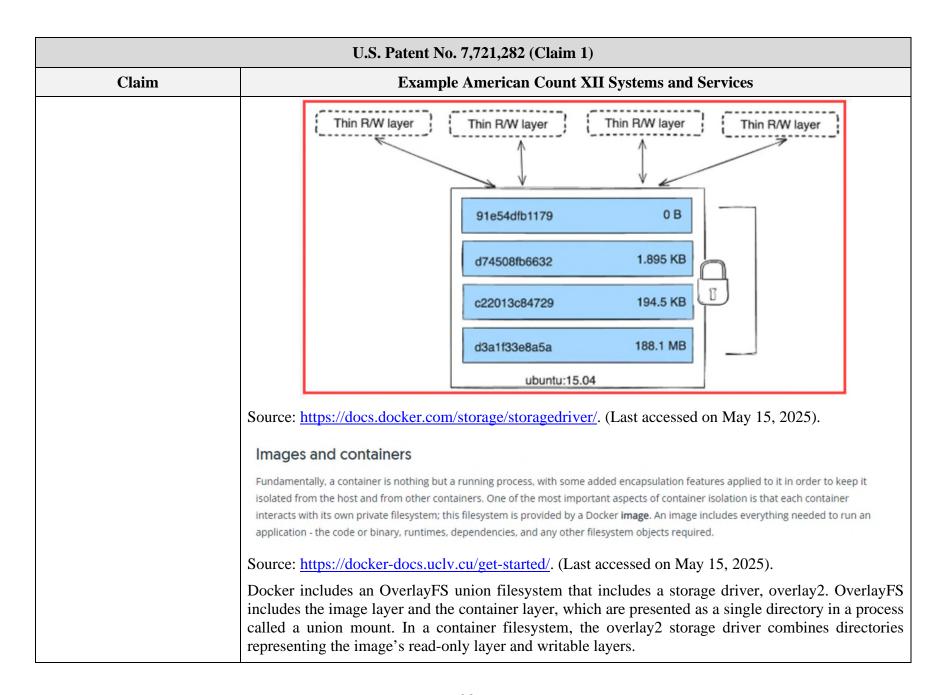
X.

persistent mapping for sector

2025).

Source: https://docs.docker.com/storage/storagedriver/overlayfs-driver/. (Last accessed on May 15,

	U.S. Patent No. 7,721,282 (Claim 1)	
Claim	Example American Count XII Systems and Services	
	The following diagram shows how a Docker image and a Docker container are layered. The image layer is the lowerdir and the container layer is the upperdir. If the image has multiple layers, multiple lowerdir directories are used. The unified view is exposed through a directory called merged which is effectively the containers mount point. Container mount Container mount Container layer Image layer Image layer The image layer is the upperdir. If the image has multiple layers, multiple merged which is effectively the containers mount point. "merged" "upperdir" "upperdir" "lowerdir"	
	Source: https://docs.docker.com/storage/storagedriver/overlayfs-driver/ . (Last accessed on May 15, 2025). To create a container, the overlayfs-driver/ . (Last accessed on May 15, 2025). Source: https://docs.docker.com/storage/storagedriver/overlayfs-driver/ . (Last accessed on May 15, 2025).	



U.S. Patent No. 7,721,282 (Claim 1)			
Claim	Example American Count XII Systems and Services		
	Use the OverlayFS storage driver		
	OverlayFS is a union filesystem.		
	This page refers to the Linux kernel driver as OverlayFS and to the Docker storage driver as overlay2.		
	How the overlay2 driver works		
	OverlayFS layers two directories on a single Linux host and presents them as a single directory. These		
	directories are called layers, and the unification process is referred to as a union mount. OverlayFS refers to		
	the lower directory as lowerdir and the upper directory a upperdir. The unified view is exposed through its own directory called merged.		
	The overlay2 driver natively supports up to 128 lower OverlayFS layers. This capability provides better performance for layer-related Docker commands such as docker build and docker commit, and consumes fewer inodes on the backing filesystem.		
	Source: https://docs.docker.com/storage/storagedriver/overlayfs-driver/ . (Last accessed on May 15, 2025).		
	For example, Docker refers to the base image layers as 'lowerdir' and the container layer as 'upperdir,' and the unified view is referred to as merged.		

U.S. Patent No. 7,721,282 (Claim 1)				
Claim	Example American Count XII Systems and Services			
	The following diagram shows how a Docker image and a Docker container are layered. The image layer is the lowerdir and the container layer is the upperdir. If the image has multiple layers, multiple lowerdir directories are used. The unified view is exposed through a directory called merged which is effectively the containers mount point.			
	Container mount Container layer Image layer Container layer Image layer Container layer Image layer File 2 File 3 File 4 File 4 File 3 File 4 File 4 File 3 File 4 File 4 File 4 File 5 File 6 File 6 File 6 File 7 File 8 File 8 File 8 File 8 File 9 Fil			
	Furthermore, all writes are made in the top writable layer (container layer / 'upperdir'). Based or information and belief, it is assumed that writes are made in a specific portion of the writable layer particularly in the case of modifications made to the existing data stored in an already known portion of the writable layer.			
	Container and layers			
	The major difference between a container and an image is the top writable layer. All writes to the container that add new or modify existing data are stored in this writable layer. When the container is deleted, the writable layer is also deleted. The underlying image remains unchanged.			
	Source: https://docs.docker.com/storage/storagedriver/ . (Last accessed on May 15, 2025).			

U.S. Patent No. 7,721,282 (Claim 1)			
Claim	Example American Count XII Systems and Services		
	The second-lowest layer, and each higher layer, contain a file called lower, which denotes its parent, and a directory called diff which contains its contents. It also contains a merged directory, which contains the unified contents of its parent layer and itself, and a work directory which is used internally by OverlayFS. Source: https://docs.docker.com/engine/storage/drivers/overlayfs-driver/. (Last accessed on May 15,		
	The first time a container writes to an existing file, that file does not exist in the container (upperdir). The overlay2 driver performs a copy_up operation to copy the file from the image (lowerdir) to the container (upperdir). The container then writes the changes to the new copy of the file in the container layer. However, OverlayFS works at the file level rather than the block level. This means that all OverlayFS copy_up operations copy the entire file, even if the file is large and only a small part of it's being modified. This can have a noticeable impact on container write performance. However, two things are worth noting:		
	Source: https://docs.docker.com/engine/storage/drivers/overlayfs-driver/ . (Last accessed on May 15, 2025). For example, the 'lowerdir' directory can be seen by the <code>getLowerDirs</code> function to return all the files associated with the parent or base image.		

U.S. Patent No. 7,721,282 (Claim 1)			
Claim	Example American Count XII Systems and Services		
	468 ∨ func (d *Driver) getLowerDirs(id string) ([]string, error) {		
	469 var lowersArray []string		
	470 lowers, err := os.ReadFile(path.Join(d.dir(id), lowerFile))		
	471 if err == nil {		
	for _, s := range strings.Split(string(lowers), ":") {		
	<pre>473</pre>		
	474 if err != nil {		
	475 return nil, err		
	476 }		
	477 lowersArray = append(lowersArray, path.Clean(path.Join(d.home, linkDir, lp)))		
	478 }		
	479 } else if !os.IsNotExist(err) {		
	480 return nil, err		
	481 }		
	482 return lowersArray, nil		
	Source: https://github.com/moby/moby/blob/master/daemon/graphdriver/overlay2/overlay.go . (Last accessed on May 15, 2025). Furthermore, overlay2 first looks at if there have been any modifications at the writable layer. It will then merge the lower and upper directories and return that as the mount path of the container. For example, within a container, by listing out the files.		
	<pre>// Get creates and mounts the required file system for the given id and returns the mount path. func (d *Driver) Get(id, mountLabel string) (_ string, retErr error) {</pre>		

U.S. Patent No. 7,721,282 (Claim 1)				
Claim	Example American Count XII Systems and Services			
	527 n	mergedDir := path.Join(dir, mergedDirName)		
	528 i	if count := d.ctr.Increment(mergedDir); count > 1 {		
	529	return <mark>merged</mark> Dir, <mark>nil</mark>		
	530	}		
	531	defer func() {		
	532	if retErr != nil {		
	533	<pre>if c := d.ctr.Decrement(mergedDir); c <= 0 {</pre>		
	534	if mntErr := unix.Unmount(<mark>merged</mark> Dir, 0); mntErr != nil {		
	535	<pre>logger.Errorf("error unmounting %v: %v", mergedDir, mntErr)</pre>		
	536	}		
	537	// Cleanup the created merged directory; see the comment in Put's rmdir		
	538	if rmErr := unix.Rmdir(<mark>merged</mark> Dir); rmErr != nil && !os.IsNotExist(rmErr) {		
	539	logger.Debugf("Failed to remove %s: %v: %v", id, rmErr, err)		
	540	}		
	541	}		
	542	}		
	543	} ()		
		mountData := label.FormatMountLabel(opts, mountLabel)		
		mount := unix.Mount		
		mountTarget := mergedDir		
	Source: https://g	github.com/moby/moby/blob/master/daemon/graphdriver/overlay2/overlay.go. (Last y 15, 2025).		